

Fellowes
AIR PURIFIERS

THE MOST
PREPARED SPACES
HAVE FELLOWES



 **Staples**

Fellowes Brands, a fourth generation global family business, creates innovative solutions that comprehensively promote inspiration, functionality and well-being in the workplace. Our collection of brands provides specialty services and expertise to ensure your people operate, perform and feel their best—and your work environment prospers.



Fellowes
Brands™

FAMILY BUSINESS
SINCE 1917



Fellowes
AIR PURIFIERS



Trendway >

esi®

The Rapid Global Spread Of Covid-19

has increased our urgency to protect ourselves and each other. Healthy and safe facilities matter now, more than ever.



The Airborne Threat is Real

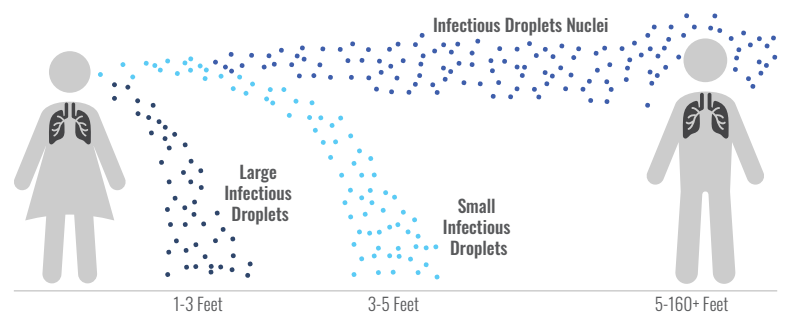
Global healthcare experts and virologists agree: airborne, aerosol transmission of viruses poses a significant threat.

- The Centers for Disease Control (CDC) found that COVID-19 can travel up to 13 feet in the air¹
- The New England Journal of Medicine reported the virus can remain suspended in air for up to 3 hours²

How People are Infected

Study after study proves viruses can be spread through air via two transmission methods.

- Airborne transmission via large droplets (> 10 microns) when people cough or sneeze (3-6ft risk)
- Airborne transmission through small particles (<5 microns) also generated by coughing/sneezing/talking



Sources:
1 https://wwwnc.cdc.gov/eid/article/26/7/20-0885_article
2 <https://www.nejm.org/doi/full/10.1056/NEJMc2004973>

MAXIMUM VIRUS PROTECTION

Fellowes® AeraMax® Pro Air Purifiers Remove Airborne Contaminants

including coronavirus*, using a combination of smart and integrated technologies – only from Fellowes.

For months, the CDC, ASHRAE, and 'healthy building' scientific advocates have recommended portable air cleaners using HEPA filtration for protection against SARS-Cov-2. Fellowes® AeraMax® Pro air purifiers' four-stage True HEPA filtration system proved to be effective in reducing the aerosolized airborne concentration of Human Coronavirus 229E in a test chamber, reaching 99.99% airborne reduction within one hour of operation.

"These latest test results on the Fellowes AeraMax Pro air purifiers provided by an independent third-party accredited (ISO/IEC 17025) laboratory are significant. I continue to be impressed with the findings on the efficacy of this technology/device by Fellowes."

Dr. Rajiv Sahay, Director of Environmental Diagnostics Laboratory at Pure Air Control Services based in Clearwater, Florida



*Fellowes AeraMax Pro air purifiers were demonstrated through independent laboratory testing to be effective in reducing aerosolized airborne concentration of Human Coronavirus 229E in a test chamber, reaching 99.99% airborne reduction within 1 hour of operation.

PROTECT WHAT MATTERS MOST



Your patients and visitors in MEDICAL FACILITIES

Poor air quality can lead to the airborne transmission of bacteria and viruses. In waiting rooms and consultation rooms in medical facilities the air must be cleaned in addition to surface and hand cleaning.



Your patients and employees in DENTAL FACILITIES

The dental profession is notorious for poor air quality, with labs brimming with dust from molding and grinding appliances, and dental practices teeming with germs and bacteria from patient procedures. How bad is it? The dental profession has five of the top ten unhealthiest occupations, according to the U.S. Department of Labor.



Your residents and staff in ASSISTED LIVING FACILITIES

The elderly are more vulnerable to viruses and other respiratory illnesses and have the added concern of weakened immune systems. There is also a high amount of visitors and an obvious need to protect the workforce from potential airborne threats.



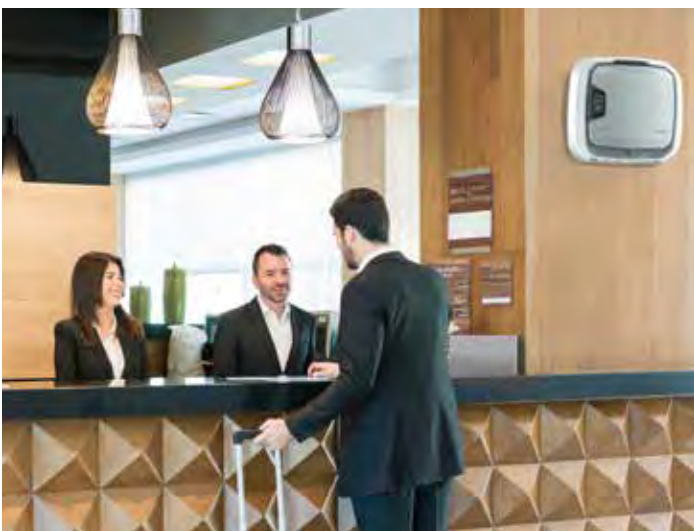
Your employees in CORPORATE OFFICES

Office buildings are a prime example of a space that we share for upwards of 9 hours every day and have a constant flow of visitors, vendors and employees who bring viruses, germs and pathogens into the workplace with them. Couple that with odors from food left in wastebaskets, conference rooms and common areas and it's an IAQ hot spot.



Your students and staff in CLASSROOMS AND DAYCARE FACILITIES

Common areas and classrooms are breeding grounds for germs—and young respiratory systems are more susceptible to irritants that can exacerbate childhood allergies and asthma. What's more, facilities staff find it increasingly difficult to effectively clean high-traffic areas rife with bacteria and viruses.



Your customers, guests and staff in HOSPITALITY, BEAUTY AND FITNESS FACILITIES

Busy shared air environments where we spend our free time and our money, can be high risk for transmission. Improved indoor air quality is a great way to provide maximum peace of mind for customers and improve brand perception. Hygiene and sanitation is essential in these environments.

WHY AERAMAX PRO



**99.99% EFFECTIVE
AGAINST CORONAVIRUS**

*Fellowes AeraMax Pro air purifiers were demonstrated through independent laboratory testing to be effective in reducing aerosolized airborne concentration of Human Coronavirus 229E in a test chamber, reaching 99.99% airborne reduction within 1 hour of operation.



EFFECTIVE

Proven Performance

SMART

Patented, Responsive Technology

INTEGRATED

A Seamless Addition

RELIABLE

Commercial Grade Durability

EFFECTIVE

Proven Performance

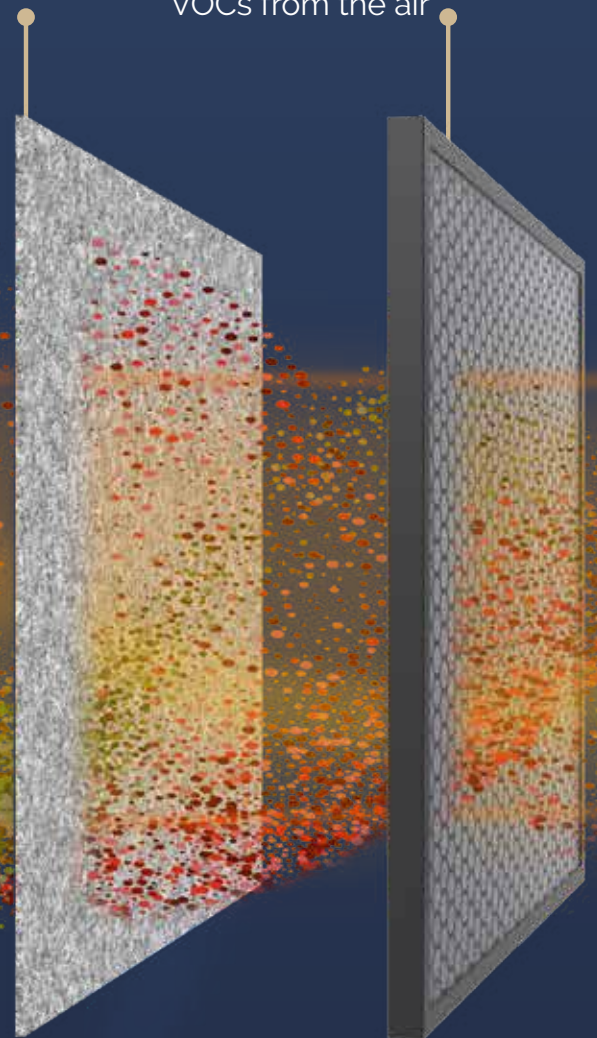
The AeraMax Pro four-stage filtration process uses the following proven methods to effectively clean the air

1

The **pre-filter** captures large particles and contaminants and helps protect the lifespan of other filters

2

Active Carbon filtration adsorbs odors and VOCs from the air



3

The **True HEPA filter** captures and traps **99.97%** of airborne particles*

Anti-microbial treatment on the HEPA filter effectively reduces the development of bacteria and fungi on the filter



4

The **PlasmaTrue™ Bipolar Ionizer** improves the capture efficiency of the particulate filter



SMART

Patented, Responsive Technology



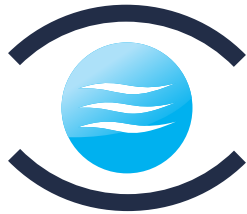
Patented EnviroSmart™ Technology uses dual self-regulating laser sensors to measure sound, motion and air quality

This technology means that AeraMax Pro works hard when it needs to, and shifts to standby when possible, saving energy and extending filter lifespan.

There are two sensing modes:

- ▶ Normal Mode: automatically adjusts between all fan speeds to control air quality (ideal for most shared spaces)
- ▶ Quiet Mode: uses quieter fan speeds when the space is occupied and all fan speeds when space is unoccupied (ideal where noise could be a concern)





PureView™

Seeing is believing - the best way to show your facility occupants that you are taking their health seriously is to actually show them! The Invisible becomes visible with PureView™ Technology, a display that allows occupants to see the difference as they feel the difference.

Two high grade laser particle counters monitor air quality as it enters and exits the machine, enabling the screen to show the air quality data in two different display modes:

- Room Status: shows the current air quality in the room and the % of particles being captured in real-time.
- PM2.5: Displays real-time the PM2.5 levels entering the unit and being removed in the filtration process.

The screen also showcases VOC/Odor levels and filter change reminders.

Maximum peace of mind for your facility users and **maximum visibility** for your facilities team.



INTEGRATED

A Seamless Addition

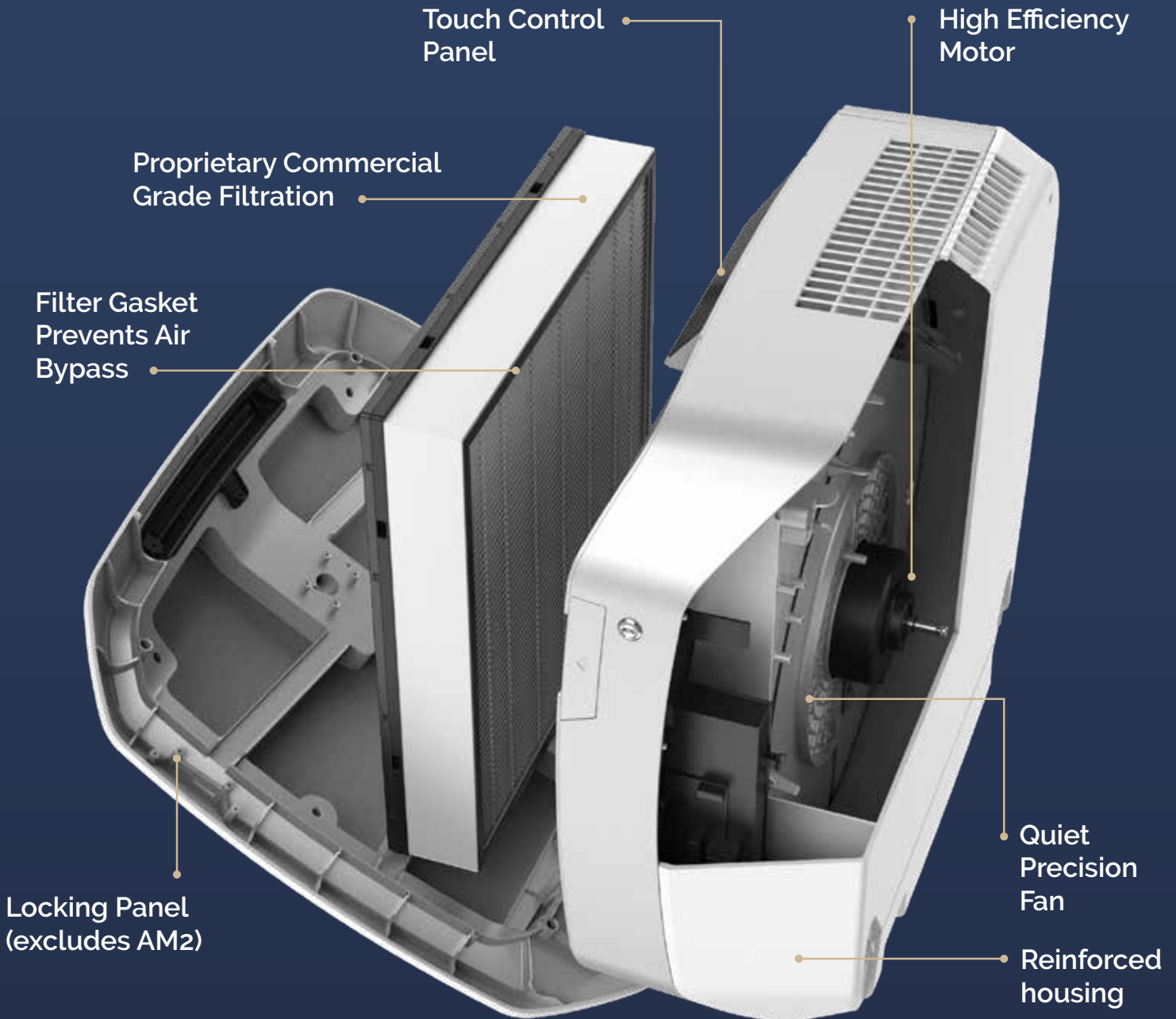
Fellowes AeraMax Pro was designed to seamlessly integrate into your facility's environment. All models are wall-mountable, unobtrusive and aesthetically pleasing, so you can provide worry-free air purification wherever it's needed most.



RELIABLE

Commercial Grade Durability

All AeraMax Pro units are built with 24/7/365 operation in mind. That means continual use...and that means they're constructed with superior components, high-grade filters and reinforced housings.



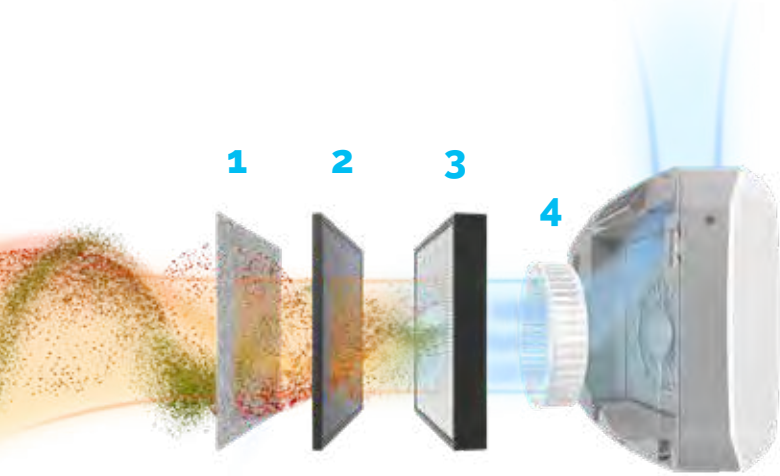
AM 3 & 4 = 5 year warranty

AM 2 = 3 year warranty

The AeraMax Pro Difference

It Starts With Great HEPA Filtration

A well-engineered machine is quickly let down if using poor filters. Our True HEPA filters conform to IEST 1.5 HEPA Standard which proves 99.97% at the 0.3 micron size. In addition, our filters can capture more than 97.8% of pollutants at 0.1-0.15 microns, based on IBR Laboratories test data.



The four stage filtration process:

1. **Pre-Filter** captures large particles
2. **Active Carbon** filtration adsorbs odors and VOCs from the air
3. **True HEPA filter** captures small particles as small as 0.15 micron
4. **PlasmaTrue™ Bipolar Ionizer** improves the capture efficiency of the particulate filter

A fallacy: HEPA Stops Filtering Below 0.3 Microns

HEPA filters do not work like a sieve. The reality is that HEPA filters can capture ALL particle sizes. Due to the physics of how HEPA filters work (diffusion, interception and impaction), there is often an insignificant drop in filtration efficiency close to 0.3 micron. Filtration efficiency continues at a high percentage well below this particle size.

It Doesn't Stop at Viruses

The average person inhales 3,000 gallons of indoor air every day. Most people spend 90% of their time indoors and nine hours per day in shared environments—spaces that are up to five times more polluted than outdoors.

Indoor Air is 2-5x DIRTIER Than Outdoor Air	 Viruses/ Bacteria	 VOCs
	 Allergens	 Odors



The Experts Agree

CDC: "Consider using portable high-efficiency particulate air (HEPA) fan/ filtration systems to help enhance air cleaning (especially in higher risk areas)."

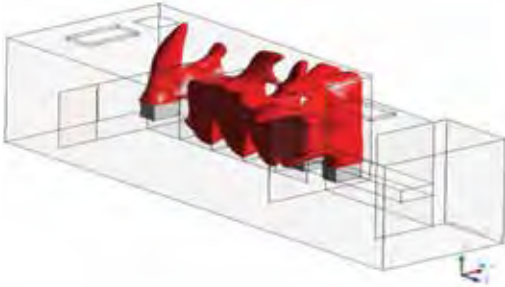
Source: <https://www.cdc.gov/coronavirus/2019-ncov/community/office-buildings.html>

The Science of Clean Air

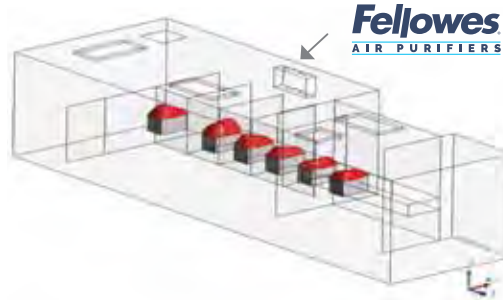
Computational Fluid Dynamics (CFD) Study

We conducted a comprehensive Computational Fluid Dynamics (CFD) simulation in an average, six-stall women's restroom. The study scenario included six toilets flushing at once, continuously with all stall doors closed.

Contaminant Cloud Without System



Contaminant Cloud With System Over Stalls



- Significant decrease in concentration of contaminant at 2.5 PPM (red)
- Increase in pure air in area directly in front of stalls
- To achieve this with HVAC would require 250% flow rate increase

Wall Mount Benefits



During our CFD simulation testing we observed significant full room filtration efficiency when wall mounted.

- Solution can be installed closer to the source concern
- Creates whole-room circulation and increases clean air distribution (less obstacles in air path)
- Contaminated air is pulled closer to head height (breathing level) and not from the floor
- Improves efficiency of ACH performance

How Is ACH Calculated

ACH is the amount of times we can move the volume of air in a room through our machine. It might seem complex, but the calculation is simply

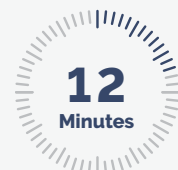
$$\text{ACH} = \frac{\text{Volume of Air Flow Per Minute}}{\text{Cubic Feet of the Area}}$$

Air Changes Per Hour

AeraMax Professional room size recommendations are based on delivering

3-5 ACH

An ACH of 5 means your air is being cleaned every



TESTIMONIALS

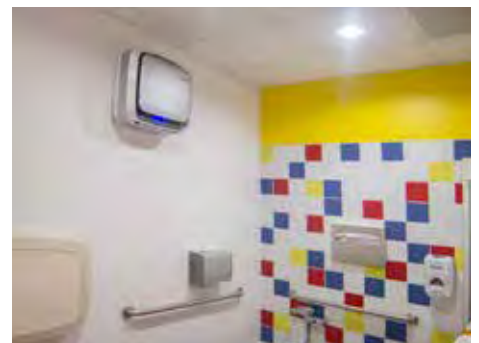
Delivering A Great Guest Experience

Legoland Discovery Center

Kid-centric LEGOLAND® Discovery Center's restrooms are visited by hundreds or thousands of visitors every day. Keeping them clean is challenging. Air fresheners only mask bathroom odor and do nothing to prevent the airborne germs that accompany them. For a truly clean facility, LEGOLAND® installed AeraMax Pro air purifiers in each of its facility's restrooms, resulting in a significant improvement in key performance indicators (KPI) for facility cleanliness.

“Clean air helped me deliver a CLEANER facility.”

Nick Miller, General Manager



Setting Students Up for Success with Clean Air

Culver Academies

The installation of the Fellowes air purifiers provided a permanent solution to air quality issues. In the military academy's boys' barracks, the older HVAC system was built under different requirements and was unable to handle the air changes per hour (ACH) required to keep the air clean. That's important since viruses and germs tend to linger in the air. So, the installation of Fellowes air purifiers significantly boosted the ACH in the enclosed spaces. They also provided hands-free operation by way of exclusive PureView Technology. Because each unit has a large digital display, students and staff could see the cleaning progress, which allayed any fears.

“Our teachers, students and administrators can see the air being cleaned, which provides a feeling of safety.”

Michael Squires, Commandant of Cadets



Little Lungs Need AeraMax Pro

Tiny Sprouts Early Childhood Center

Catering to 60 children—from infants to Pre-K—every day, Tiny Sprouts Early Childhood Center in Rutherford, NJ had a significant germ and odor problem that was unsolved by traditional cleaning methods. So, Director Emily Sousa installed AeraMax Pro units throughout the school. The impact was immediate. And dramatic. “We’ve seen a significant difference in air quality,” Sousa says. “In the morning, the room smells fresh and there’s a complete difference in the way it feels.” What’s more, the new air purification routine paid additional dividends. Parents from other schools switched their children to Tiny Sprouts specifically because of its stance on cleanliness, health and safety, as well as the installation of the AeraMax Pro units.



“We were able to solve ongoing problems with odors and germs.”

Emily Sousa, Owner and Director

Providing Safety and Security

LittleStar ABA Therapy

LittleStar ABA Therapy operates five centers in Indiana for children and young adults on the autism spectrum, offering individual and group learning spaces, as well as individualized therapy, testing and behavioral analysis. That often means operating in close quarters, working with individuals not attuned to some of the social distancing imperatives brought on by the recent global pandemic. That presented a unique challenge to administrators and staff—and a concern for parents of participants. Fellowes installed a range of Fellowes air purifiers for the LittleStar facilities. Given that Fellowes produces different air purifiers designed for a variety of room sizes, LittleStar was able to specify the exact type of Fellowes air purifier that was ideal for the space in need of cleaner, fresher air.



“The needs of people with autism don’t just stop because of the onset of COVID-19.”

William Brunner, Chief Financial Officer

THE LINEUP



AERAMAX PRO AM4

The right size for large spaces

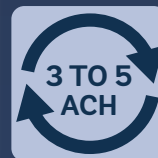
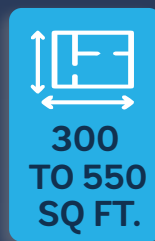
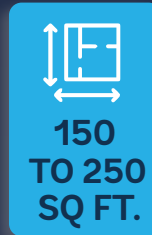
The AeraMax Pro 4 is the largest of our commercial grade air purification systems and will deliver an air change every 20 minutes in rooms up to 1100 square feet. Multiple units can be used for larger spaces making it the ideal solution for open office layouts, large conference rooms and many large shared air spaces.



AERAMAX PRO AM2

Small. But big.

The super slim design of the AeraMax Pro 2 makes it the perfect fit for smaller spaces, offering 3-5 air changes per hour in shared indoor spaces between 150 and 250 square feet. It's ideal for smaller examination rooms, narrow hallways and small public restrooms.



AERAMAX PRO AM3

The perfect fit for most rooms

Our AeraMax Pro 3 is perfect for most rooms, providing up to 3 air changes every hour in rooms as large as 550 square feet. It's ideal for offices, conference rooms, classrooms, restrooms, waiting rooms and enclosed shared spaces.

For larger spaces, a combination of units can be used to achieve 3 to 5 air changes per hour.

AeraMax Pro Product Specifications



AERAMAX PRO AM2



AERAMAX PRO AM3 PC



AERAMAX PRO AM4 PC



AERAMAX PRO AM3



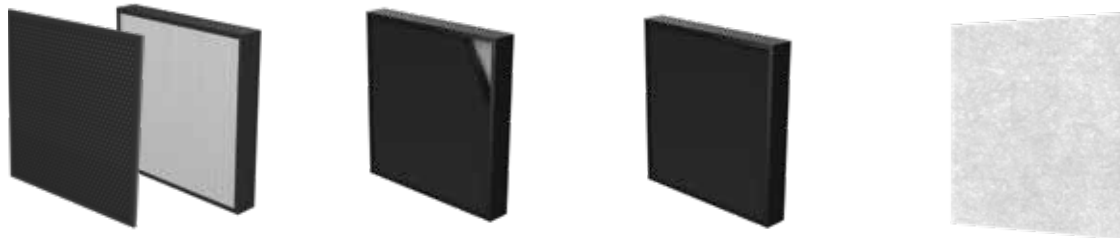
AERAMAX PRO AM4

Smart Technology	EnviroSmart Technology	PureView Technology EnviroSmart Technology	PureView Technology EnviroSmart Technology	EnviroSmart Technology	EnviroSmart Technology
Area Coverage	150 Square Feet (5 ACH) 250 Square Feet (3 ACH)	300 Square Feet (5 ACH) 550 Square Feet (3 ACH)	650 Square Feet (5 ACH) 1100 Square Feet (3 ACH)	300 Square Feet (5 ACH) 550 Square Feet (3 ACH)	650 Square Feet (5 ACH) 1100 Square Feet (3 ACH)
No. of Fan Speeds	5	5	5	5	5
Airflow (CFM)	35, 43, 51, 64, 100	76, 93, 112, 140, 220	153, 186, 224, 280, 440	76, 93, 112, 140, 220	153, 186, 224, 280, 440
Sound Pressure Levels (dB)	45, 48, 51, 60, 64	38, 41, 48, 52, 67	42, 44, 51, 53, 68	38, 41, 48, 52, 67	42, 44, 51, 53, 68
System Dimensions (HxWxD)	22.6" x 14" x 4.1" (566 x 348 x 102mm)	19.6" x 20.9" x 9" (499 x 531 x 228 mm)	19.6" x 34.7" x 9" (499 x 881 x 228 mm)	19.6" x 20.9" x 9" (499 x 531 x 228 mm)	19.6" x 34.7" x 9" (499 x 881 x 228 mm)
System Weight	10.6 lbs. (4.8kg)	20 lbs. (9.1kg)	35 lbs. (15.1 kg)	20 lbs. (9.1kg)	35 lbs. (15.1 kg)
Power Consumption (W)	5, 7, 11, 33, 55	5, 8, 11, 21, 100	8, 12, 18, 35, 166	5, 8, 11, 21, 100	8, 12, 18, 35, 166
Energy Star Certified	Yes	Yes	Yes	Yes	Yes
Power Requirements	120v, 60Hz, 2A	120v, 60Hz, 2A	120v, 60Hz, 2A	120v, 60Hz, 2A	120v, 60Hz, 2A
Electrical Safety Certification	UL	UL	UL	UL	UL
Air Intake / Outlet	Sides / Top	Bottom / Top	Bottom / Top	Bottom / Top	Bottom / Top
Control Panel	Capacitive Touch	Capacitive Touch & TFT LCD PureView Screen	Capacitive Touch & TFT LCD PureView Screen	Capacitive Touch	Capacitive Touch
Housing Material	UV Stabilized ABS	UV Stabilized ABS	UV Stabilized ABS	UV Stabilized ABS	UV Stabilized ABS
Operating Temperature	50-104°F (10°C-40°C)	41-104°F (5°C-40°C)	41-104°F (5°C-40°C)	41-104°F (5°C-40°C)	41-104°F (5°C-40°C)
Operating Humidity	Up to 60% RH	Up to 60% RH	Up to 60% RH	Up to 60% RH	Up to 60% RH
Warranty	3 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited

CONFIGURATIONS

Wall Mount					
Installation Method	Wall mounted (plate) with plug	Wall mounted hard wired	Wall mounted hard wired	Wall mounted hard wired	Wall mounted hard wired
Model Name	AM2	AM3 PC	AM4 PC	AM3	AM4
Staples No.	2407256	24306988	24306989	1714137	1714132
Mfr No.	9416101	9573001	9573101	9416201	9416301
Floor Stand					
Installation Method	Floor Stand Accessory	Plug (power outlet)	Plug (power outlet)	Plug (power outlet)	Plug (power outlet)
Model Name	Recess Kit Accessory (Hard Wired Install)	AM3S PC	AM4S PC	AM3S	AM4S
Staples No.	2392936	24328838	24443472	1713707	1713704
Mfr No.	9540901	9573201	9573301	9450001	9451201

Filter Solutions



Filters for AeraMax AM3 & 4 Models	Standard Filter Configuration	Hybrid Filter	Full Carbon Filter (High Odor/VOC)	Pre-Filters
Filter Type	3/8" Carbon Filter (w/pre-filter) 2" True HEPA	2" filter containing 50% Carbon & 50% True HEPA	2" Carbon Filter (w/pre filter)	Replacement Pre-Filter
HEPA Filter Media	Approx. 27 sq ft.	Approx. 14 sq ft.	NA	NA
Antimicrobial Treatment	Yes (True HEPA)	Yes (True HEPA)	No	No
Active Carbon Weight	Approx. 1lb.	Approx. 4lb.	Approx. 6lb.	NA
Estimated Filter Life	3/8" Carbon: 6 Months 2" True HEPA: 12 Months	12 Months	12 Months	6-12 Months
Pack Size	3/8" Carbon: 4 Pack 2" True HEPA: 2 Pack	2 Pack (ships with pre-filters)	2 Pack	4 Pack
Staples No.	3/8" Carbon: 1714123 2" True HEPA: 1713711	1713709	1713710	24306987
Mfr No.	3/8" Carbon: 9416502 2" True HEPA: 9416602	9436902	9436802	9600501



Filters for AeraMax AM2 Model	Standard Filter Configuration	Full True HEPA Filter	Full Carbon Filter (High Odor/VOC)	Pre-Filters
Filter Type	1 3/4" filter containing 50% Carbon & 50% True HEPA	1 3/4" True HEPA filter	1 3/4" Carbon Filter	Replacement Pre-Filter
HEPA Filter Media	Approx. 5.4 sq ft.	Approx. 12.3 sq ft.	NA	NA
Antimicrobial Treatment	Yes (True HEPA)	Yes	No	No
Active Carbon Weight	Approx. 0.75lb.	NA	Approx. 1.5lb.	NA
Estimated Filter Life	12 Months	12 Months	12 Months	6-12 Months
Pack Size	1 Pack	1 Pack	1 Pack	4 Pack
Staples No.	2392930	2392931	2392929	9608401
Mfr No.	9544501	9544301	9544601	9608401



To learn more about Fellowes Air Purifiers, contact your Account Manager or visit staplesadvantage.com/fellowesairpurifiers. To watch customer testimonials and get further technical information, visit us at aeramaxpro.com.

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